

AMENDMENTS TO THE CLAIMS

Claims 1-15 (cancelled)

5 Claim 16. (new) A deflection coil for a cathode ray tube, said deflection coil comprising:  
a rear flange and a front flange, said rear flange and said front flange each comprising a respective  
plurality of individual wires forming portions of wire turns, one of said flanges having a first flange  
portion comprising a first plurality of said individual wires, and said one of said flanges having a  
second flange portion comprising a second plurality of said individual wires not including said first  
10 plurality,

a plurality of coil portions fanning out in a fan-shaped manner from the rear flange to the  
front flange, individual wires of said coil portions being connected respectively to said individual  
wires forming portions of wire turns in said flanges, and

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a current supply wire having a first portion extending from one of said individual wires  
15 along said first portion of said one of said flanges, arranged so as to cross and be attached to but  
electrically insulated from said first plurality of said individual wires, and said current supply wire  
having a second portion free from attachment to said second plurality of said individual wires.

Claim 17. (new) The deflection coil claimed in claim 16, characterized in that said second  
20 plurality of said individual wires is free from impression by a crossing wire.

Claim 18. (new) The deflection coil claimed in claim 16, characterized in that said one of said  
flanges has a width D at the location of the beginning of said current supply wire, and  
said first portion of the current supply wire is attached to said first plurality of said  
25 individual wires over a length L, where L is  $1/6^{\text{th}}$  to  $1/3^{\text{rd}}$  of said width D.

Claim 19. (new) The deflection coil claimed in claim 16, characterized in that said first portion of  
said current supply wire extends outwardly along said first flange portion to said second portion of  
said current supply wire, and  
30 said second flange portion is disposed outwardly of said first flange portion.

Claim 20. (new) The deflection coil claimed in claim 19, characterized in that one of said flanges has a width D at the location of the beginning of said current supply wire, and

said first portion of the current supply wire is attached to said first plurality of said  
5 individual wires over a length L, where L is  $1/6^{\text{th}}$  to  $1/3^{\text{rd}}$  of said width D.

Claim 21. (new) The deflection coil claimed in claim 20, characterized in that said second plurality of said individual wires is free from impression by a crossing wire.

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encl.*

10 Claim 22. (new) A deflection coil for a cathode ray tube, said deflection coil comprising:

a rear flange and a front flange, one of said flanges having a width comprising a first flange portion and a second flange portion, said first flange portion comprising a first plurality of individual wires and said second flange portion comprising a second plurality of individual wires not including said first plurality,

15 a plurality of coil portions fanning out in a fan-shaped manner from the rear flange to the front flange, and

a current supply wire having a first portion crossing said first flange portion, arranged so as to be attached to but electrically insulated from said first flange portion, and said current supply wire having a second portion free from attachment to said second flange portion.

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Claim 23. (new) The deflection coil claimed in claim 22, characterized in that said width is a width D at the location of a beginning of said current supply wire, and

said first portion of the current supply wire is attached to said first flange portion over a length L, where L is  $1/6^{\text{th}}$  to  $1/3^{\text{rd}}$  of said width D.

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